PART: CUTTER MOTOR BRAKE ASSEMBLY **ISSUE #: 042**

JAPAN:

NEW PART NUMBER: SEE BELOW NEW DESCRIPTION: CUTTER MOTOR BRAKE OLD PART NUMBER: OLD DESCRIPTION:	[ ] New [X] Modified [ ] Obsolete [ ] Other
Compatible: [X] Not Compatible: [ ] Old/Obsolete: [N]	

CHANGE REASON	MANUFACTURING CUT-IN	MODEL(S):
[ ] Cost Effective [X] Eliminate Claims [ ] Easier Operation [ ] Other	SERIAL #:	RC SERIES

SUBJECT: CUTTER UNIT BRAKE TQ PREVENT CONTINUOUS ROTATION OF THE CUTTER MOTOR

It has been found that on some machines the Cutter Motor continues to rotate once started.

To rectify this problem a brake mechanism will be fitted to all future production of RC4000 / 4500 / 5600 / 5800 machines.

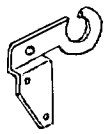
FIELD MODIFICATION

The Cutter Unit brake mechanism can be fitted as a field modification. The parts can be ordered using the following part numbers:

Part Name	Part Number
Collar; Separator	000-01515-004
Bracket II; Cutter Motor	011-15179-000
Cam II; Cutter Switch	011-15182-001
Bracket; Cutter Switch	011-15039-101
Bracket Spring; Cutter	011-15181-005
Support Bracket; Cutter roller	011-15183-008

- Collar; Separator -

- Bracket; Cutter Sw -

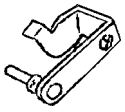


- Bracket II; Cutter Motor -

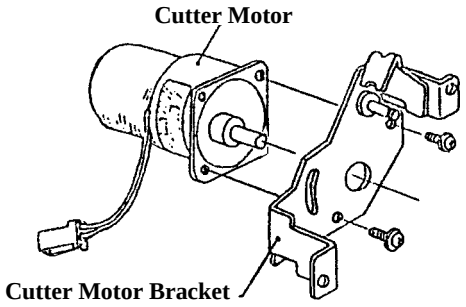
- Brake Spring; Cutter -

- Cam II; Cutter Sw -

- Support Bracket; Cutter Roller -

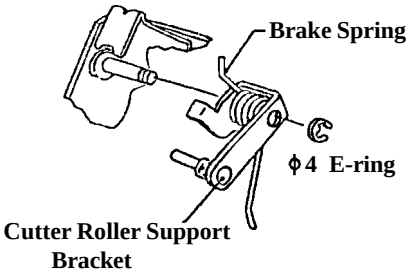


INSTALLATION PROCEDURE OF CUTTER MOTOR BRAKINK MECHANISM

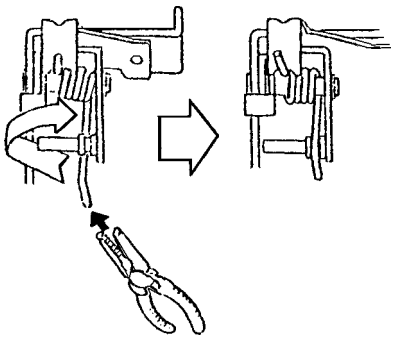


1. Dismantle the existing Cutter unit into the respective components.

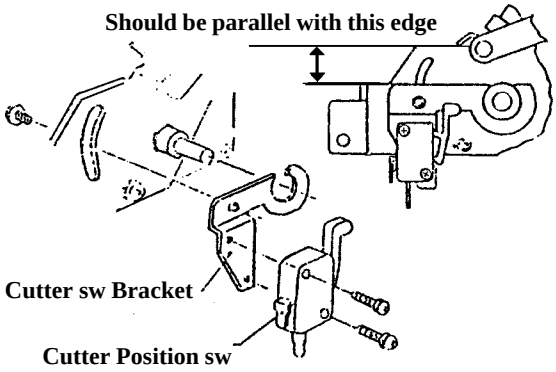
2. Attach the existing Cutter motor to the modified Cutter Motor Bracket.



3. Insert the Brake Spring into the space of the Cutter Roller support bracket as shown in the figure. Keeping this combination, put the Cutter roller support bracket on the shaft of the Cutter Motor and secure it to the Cutter Motor Bracket by putting an E-ring (4) on the end of the shaft.

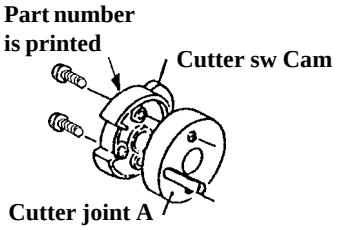


4. Grip the longer leg of the Brake Spring with a pair of pliers and hook it into the groove on the attachment shaft of the Cutter Roller support bracket, as shown in the figure.

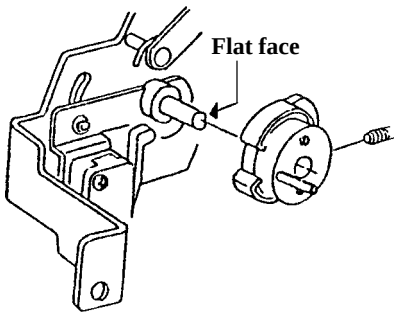


5. Attach the existing Cutter position sw on to the Cutter sw bracket with 2 pan-head screws (M3 x 12).

6. Put the ring-shaped part of the Cutter sw bracket on the Cutter motor shaft and loosely secure the assembled bracket on to the Cutter motor bracket with 1 collar screw (M3 x 5) so that the upper edge of the Cutter sw bracket can be parallel with the counterpart of the Cutter Motor Braket.

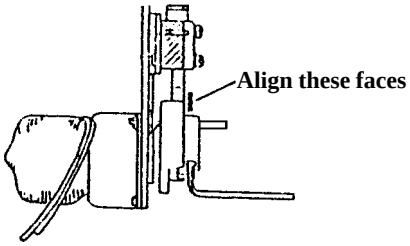


7. Attach the modified Cutter sw cam to the existing cutter jont A with 2 pan head screws (M3 x 8). Ensure that the part number on the Cutter sw cam is facing outwards.

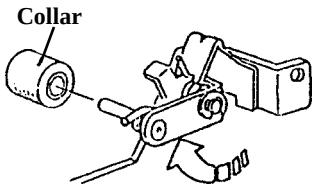


8. Put the assembled Cutter joint A on the cutter motor shaft.

   Align the alien screw hole of the Cutter Joint A with the flat face of the Cutter Motor Shaft and secure the Cutter Joint A on the shaft with a allen screw (M4 x 6).



NOTE:
Before securing the Cutter Joint A on the shaft, be sure that the outer faces of the Cutter sw cam and Cutter position sw's actuator are at the same level.



9. Turn up the Cutter Roller support bracket assembled in step 3 by pushing it up as shown in the figure and put a collar on the attachment shaft. Then let the Cutter Roller support bracket return.

   It is not necessary to secure the collar with an E-ring.

10. Install the assembled Cutter Motor unit into the machine and connect the wires of the Cutter Motor and Cutter position sw.

    Check the stop position of the Cutter Blade by operation and tighten the securing screw of the Cutter sw bracket if the blade stops at a correct position. Otherwise, adjust the installation position of the Cutter sw bracket.